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Electronic Patent Application Submission
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EFS ID: 12643
Application ID: 09682770
Title of Invention: SYSTEM AND METHOD FOR RAPID
PREHEATING OF AN AUTOMOTIVE
FUEL CELL
First Named Inventor: George Saloka
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2001-10-17
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 200-1264 KAV
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S. Government,
c=US
Certificate Message Digest: 7duASdPacmCfoZsBUBR9qg==
Total Fees Authorized: \$780.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Sheri L. Charles



09682770-101010

TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 200-1264 KAV

SYSTEM AND METHOD FOR RAPID PREHEATING OF AN AUTOMOTIVE FUEL CELL

First Named Inventor: George Steve Saloka

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sheri Lynn Charles Electronic Application
Specialist

Electronic Signature Mark: /slc

Date Signed: 20011017

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------------|------------------------|
| fee-transmittal | 200-1264fee.xml |
| patent-assignment | 200-1264asgn.xml |
| specification | specification.xml |
| declaration | declaration 1 of 2.tif |
| declaration | declaration 2 of 2.tif |
| declaration | consent.tif |
| declaration | prior art.tif |

Attached Image File(s):

declaration 1 of 2.tif

declaration 2 of 2.tif

consent.tif

prior art.tif

09682770-104704

Comments:

09682770-10101

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATIONAttorney's Docket No.
200-1264

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled

SYSTEM AND METHOD FOR RAPID PREHEATING OF AN AUTOMOTIVE FUEL CELL

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America, prior to this application by me or my legal representatives or assigns,

☒ [x] no such applications have been filed, or☐ [] such applications have been filed as follows:☐ [] I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

| COUNTRY | APPLICATION NO. | DATE OF FILING (month, day, year) | DATE OF ISSUE (month, day, year) | PRIORITY CLAIMED UNDER 35 USC 119 | <input type="checkbox"/> Additional provisional application numbers are lis on a supplemer priority data she PTO/SB/02B attached hereto |
|---------|-----------------|--------------------------------------|-------------------------------------|---|--|
| | | | | | |
| | | | | | |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | | |
|----------------------|---------------|---|
| (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) |
|----------------------|---------------|---|

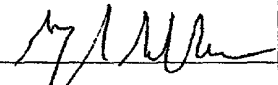

| | | |
|----------------------|---------------|---|
| (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) |
|----------------------|---------------|---|

POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28804, John G. Chupa - 33,483 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Address all correspondence and telephone calls to:

John G. Chupa
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| NAME AND MAILING ADDRESS OF INVENTOR: | RESIDENCE | CITIZENSHIP | SIGNATURE | DATE |
|---|---------------------------|-------------|---|-------|
| George Steve Saloka 3310 Woodside Dearborn, MI 48124 US | Dearborn, MI 48124 US | U.S.A |  | 9/24/ |
| James A. Adams 425 Soule Blvd. Ann Arbor, MI 48103 US | Ann Arbor, MI 48103 US | U.S.A |  | 9/24/ |

09682770-103

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. **200-1264**
Date: October 11, 2001

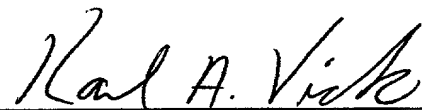
Sir:

Inventor(s):
James Adams
George Saloka

For: **SYSTEM AND METHOD FOR RAPID PREHEATING OF AN AUTOMOTIVE FUEL CELL**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Karl A. Vick
Attorney or Agent of Record
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|--|---|--|---|------------------------|----------|
| 1449B/PTO Rev. 10/95 | | U.S. Department of Commerce Patent and Trademark Office | | Complete If Known | |
| LIST OF PRIOR ART CITED BY APPLICANT (use as many sheets as necessary) | | | | Application Number | |
| | | | | Filing Date | |
| | | | | First Named Inventor | |
| | | | | Group Art Unit | |
| | | | | Examiner Name | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 200-1264 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|-----------|----------------------|---|--|---|
| Examiner Initials | Cite No. ¹ | Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication or Cited Document MM-DD-YY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 6,068,941 | | Fuller et al. | 5/30/2000 | |
| | | 6,103,410 | | Fuller et al. | 08/15/2000 | |
| | | 4,473,622 | | Chludzinski et al. | 09/25/84 | |
| | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|--------|--------|----------------------|---|--|---|
| Examiner Initials | Cite No. ¹ | Office | Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication or Cited Document MM-DD-YY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

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(Information Disclosure Statement – Section 2. FORM 1449A/PTO [6-1] – page ___ of ___)

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 780

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510

Deposit Account Name: Ford Global Technologies, Inc.



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20011017

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 20 | 103 | \$ 18 | 0 | \$ 0 |
| Independent Claims: 3 | 102 | \$ 84 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

APP_ID=09682770

| Fee Description | Fee Code | Fee Paid |
|---|----------|----------|
| Recording Each Patent Assignment Per Property Fee | 581 | \$ 40 |

Subtotal For Additional Fees: \$ 40

TD/OT" 04/28/50